

PATENT
5797-00300



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/673,915

Filed: September 29, 2003

Inventors:
Tod Paulus

Title: APPARATUS AND
METHOD FOR
DERIVING A DIGITAL
IMAGE CORRECTION
FACTOR IN A RECEIVER

Examiner: Haroon, Adeel
Group/Art Unit: 2685
Atty. Dkt. No.: 5797-00300

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

B. Noël Kivlin
Printed Name

Signature _____

April 11, 2006

Date _____

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant requests consideration of ☒ the references listed on the attached Form PTO-1449 and/or ☐ the additional information identified below in paragraph 3.

- ☒ Pursuant to CFR §1.98(a)(2)(i), copies of the cited U.S. patents and/or U.S. patent application publications are not enclosed.
- ☒ A copy of each non-U.S. patent and/or non-U.S. patent application publication reference listed on the Form PTO-1449 is enclosed.
- ☐ The non-U.S. patent and/or non-U.S. patent application publication references listed on the Form PTO-1449 were previously cited in application serial no. _____ to which the captioned application is seeking priority under 35 U.S.C. §120; therefore, a copy of each reference is not enclosed.

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1. This Information Disclosure Statement is submitted:
 - a. ☐ within 3 months of the filing date of a national application other than a continued prosecution application under § 1.53(d);
☐ within 3 months of the date of entry of the national stage as set forth in § 1.491 in an International application;
☐ before the mailing date of a first Office Action on the merits; or
☐ before the mailing of a first Office Action after the filing of a request for continued examination under § 1.114.
 - b. ☒ after the events of above paragraph 1a and prior to the mailing date of a final Office Action or Notice of Allowance, and thus: ☐ the certification of paragraph 2 below is provided, or ☒ a fee of \$180.00 is enclosed.
 - c. ☐ after the mailing date of a final Office Action or a Notice of Allowance and prior to payment of the issue fee, and thus: the certification of paragraph 2 below is provided and a fee of \$180.00 is enclosed.
2. It is hereby certified:
 - ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and that this communication was not received by any individual designated in § 1.56(c) more than thirty (30) days prior to the filing of the information disclosure statement;
 - ☐ that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of the Statement; or
 - ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in § 1.56 (c) more than three (3) months prior to the filing of the Statement.
3. ☐ Consideration of the following additional information (including any co-pending or abandoned U.S. applications, prior uses and/or sales, etc.) is requested:
4. For each non-English language reference listed on the attached Form PTO-1449:
 - ☐ reference is made to an English language translation submitted herewith, and/or
 - ☐ reference is made to a foreign patent office search report (in the English language) submitted herewith, and/or
 - ☐ reference is made to an English language translation of a foreign patent office search report submitted herewith, and/or

- ☐ reference is made to the concise explanation contained in the specification of the present application at page(s) _____, and/or
- ☐ reference is made to the concise explanation set forth below:
5. ☐ Applicant also offers the following comments for the Examiner's consideration:
6. ☐ Also enclosed is a copy of a foreign search report citing these references.
7. ☐ The listed documents were brought to the attention of the Applicant(s) after payment of the issue fee in the captioned case. The documents were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. Applicant(s) request this Information Disclosure Statement and attached Form PTO-1449 be placed in the file of the captioned application.
8. ☐ Applicant(s) requests that the Information Disclosure Statement and attached Form PTO-1449 and references, which are being filed before the grant of the patent and pursuant to 37 C.F.R. § 1.97(i), be placed in the file of the captioned application.

If any required fees are missing, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account No. 501505/5797-00300/BNK.

Respectfully submitted,



B. Noël Kivlin
Reg. No. 33,929
Attorney for Applicant(s)

MEYERTONS, HOOD, KIVLIN,
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(512) 853-8800

Date: April 11, 2006

PTO/SB/08A (07-05)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO Modified	Complete if Known
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>	Application Number 10/673,915
	Confirmation No.: 7351
	Filing Date: September 29, 2003
	First Named Inventor: Tod Paulus
	Art Unit: 2685
	Examiner Name: Haroon, Adeel
Sheet 2 of 2	Attorney Docket Number: 5797-00300

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, (page(s), volume-issue number(s), publisher, city and/or country where published.	Check if English Translation is attached
	A1	"Circuit Design for Wireless Communications: Improved Techniques for Image Rejection in Wideband Quadrature Receivers"; Kong-Pang Pun, The Chinese University of Hong Kong; Jose Epifanio da Franco, ChipIdea Microelectronics S.A., Portugal and Carlos Azeredo-Leme, Instituto Superior Tecnico, Lisbon, Portugal; The Kluwer International Series in Engineering and Computer Science 728; April 2003; Hardbound; 217pp. ISBN 1-4020-7415-8.	<input type="checkbox"/>
	A2	"Analysis of Improved Hartley Image-Reject Receiver by Bandpass Delta-Sigma Modulator"; Tsung-Yuan Chang, Department of Electrical Engineering at the Ohio State University, and Steven B. Bibyk, Department of Electrical Engineering at the Ohio State Engineering; Analog Integrated Circuits and Signal Processing; ©1999 Kluwer Academic Publishers, Boston, Manufactured in The Netherlands.	<input type="checkbox"/>
	A3	"Adaptive Calibration Methods for an Image-Reject Mixer"; Isaac Sever; Research Project submitted to the Department of Electrical Engineering and Computer Sciences, University of California at Berkeley; pgs. 1-57.	<input type="checkbox"/>
	A4	"Aero™ I/Aero I+GSM/GPRS Transceiver"; Product Description; Silicon Laboratories, Austin, TX; www.silabs.com .	<input type="checkbox"/>
	A5	"Self-Calibrated Image-Reject Mixer"; John Wetherell (Professor Robert Meyer), Qualcomm; http://www.eecs.berkeley.edu/~wetherell .	<input type="checkbox"/>
	A6	"On-Chip Image Reject Techniques for Wireless Receivers"; Nora Yan; University of Toronto Department of Electrical and Computer Engineering; November 12, 2001.	<input type="checkbox"/>
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			<input type="checkbox"/>

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. ¹Applicant's unique citation designation number (optional).

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

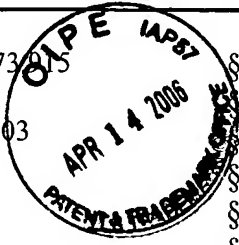
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B. Noël Kivlin

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FEE AUTHORIZATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

The Commissioner is hereby authorized to charge the following fee to Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C. Deposit Account Number 50-1505/5797-00300:

Fee: Information Disclosure Statement

Amount: \$180.00

Attorney Docket No.: 5797-00300

The Commissioner is also authorized to charge any extension fee or other fees which may be necessary to the same account number.

Respectfully submitted,

B. Noël Kivlin
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